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**MODERNISATION OF HIGHER EDUCATION  
IN CENTRAL ASIA  
THROUGH NEW TECHNOLOGIES  
( HiEdTech )**



# **EVALUATION OF CENTERS FOR INNOVATIVE EDUCATIONAL TECHNOLOGIES TAJIKISTAN**

**Project: Modernization of Higher Education in Central Asia through New  
Technologies (HiEdTec)**

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## **EXECUTIVE SUMMARY**

The quality and results of the Centres of Innovative Educational Technologies have been evaluated on the basis of the data of teacher surveys that have been conducted in three of Tajikistan's higher education universities that are partners in the project.

The assessment of the Centres of Innovative Educational Technologies is based on the opinions of the survey participants. The purpose of this evaluation is to determine the degree of compliance of the CIEs with the innovative work with students and staff in the field of new educational technologies. This evaluation report will be attached to the progress reports.

### **INTRODUCTION**

This survey was very important for determining the quality of innovation centers of the three partner universities, how much in the future our country will try to create such centers in each university for training specialists.

The Centres for Innovative Educational Technology were created to organise work in partner universities to modernise learning through the introduction of new digital learning technologies and didactic models. The objectives of the Centres are: implementation of innovative educational technologies in the partner universities; participation in the creation of interactive classes; training and provision of information, technical and methodological support for teachers to develop digital learning resources and web courses; creation and maintenance of the platform for IEOC virtual library; systematization of innovative teaching experience, development of new approaches in the implementation of the objectives of the educational theory and practice taking into account trends in the development of educational institutions and teaching technologies. Since the Centres have been operating, at least 150 teachers have been trained, 3 interactive classes have been equipped in each higher education institution, web-courses are being developed and placed on the virtual library platform.

### **PROJECT OVERVIEW**

The main goal of this project is adapting educational system in the partner countries to the digital generation using implementation and efficient use of innovative educational technologies and didactic models approach based on ICT in the educational process.

The Consortium consists of 24 full-fledged partners - Universities from 4 EU countries and 5 partner countries. The project will help transform higher education institutions into innovative Universities and enhance the quality of trained professionals needed for digital transformation of industries (Industry 4.0).

Centres of Innovative Educational Technologies were established in accordance with the project "Modernization of Higher Education in Central Asia through New Technologies" (HiEdTec), WP5.4. Report on the assessment results of Centres of Innovative Educational Technologies.

### **RESULTS OF THE HIEDTEC SURVEYS**

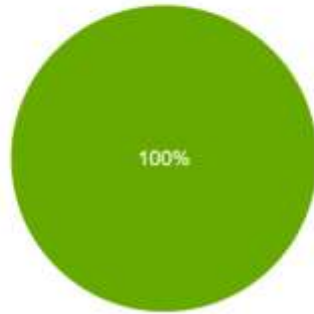


GENERAL INFORMATION

We've got 18 answers to our survey:

1. Which country are you from?

18 ответов

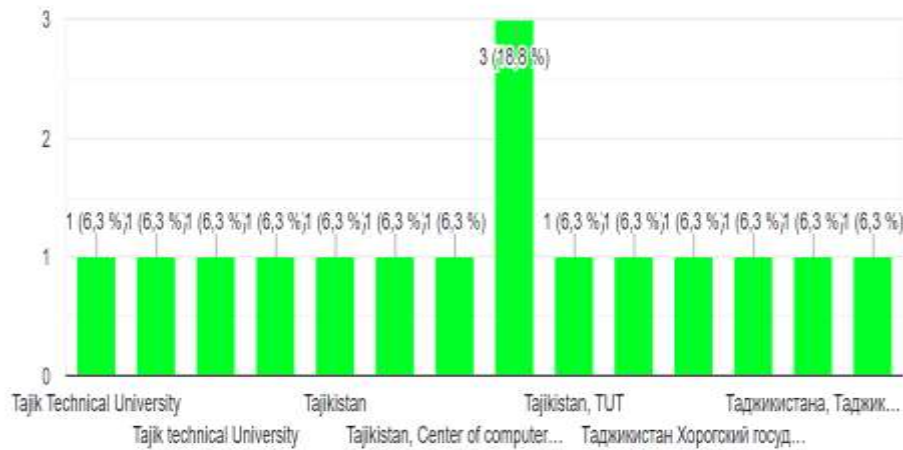


- Luxembourg Люксембург
- Italy Италия
- Portugal Португалия
- Bulgaria Болгария
- Turkmenistan Туркменистан
- Uzbekistan Узбекистан
- Kyrgyzstan Кыргызстан
- Tajikistan Таджикистан
- Kazakhstan Казахстан

All 18 respondents represented Tajikistan.

2. Which Center are you evaluating?

6 residents answered that they represent the Technological University of Tajikistan, 8 residents answered that they represent the Technical University of Tajikistan. M. Osimi and 4 residents answered that they represent Khorog State University. M. Nazarshoeva.



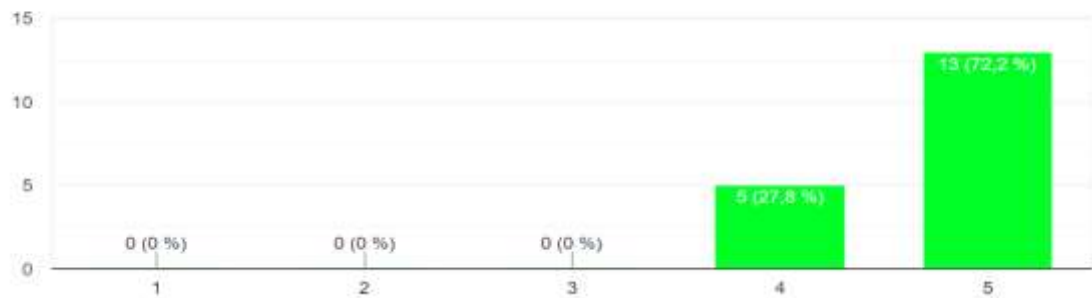
3. Please indicate how well-structured is the Centre as a whole



1 means that it was not structured, 5 means that it is very

well- structured

18 ответов



From the 18 answers, 72.2% of respondents consider the structure understood and very well structured, 27.6% of respondents well-structured.

#### 4. Please indicate how well you evaluate the quality? Using a scale from 1 to 5, where 1 means very bad and 5 means excellent

18 ответов



Out of 18 responses, 15 respondents consider the quality of the centers to be excellent, 3 respondents – good.

#### 5. Now we have a few questions about the goals of the Centres.

Rate from 1 to 5. (1 –strongly disagree, 5 – strongly agree). If the approval does not apply to you, select "No answer". For each line, select only one answer option.

- Were the goals achieved?
- Have follow-up activities been achieved as a result of the work of the Centre?
- Are the goals of the Center clear?
- Were the right people involved in the creation of the Center?
- Has the technical equipment been installed?
- Are technical tools used in the institution?
- Is the use of technical equipment explained to users?
- Is the provided equipment exactly what the institution needed to speed up the learning process?



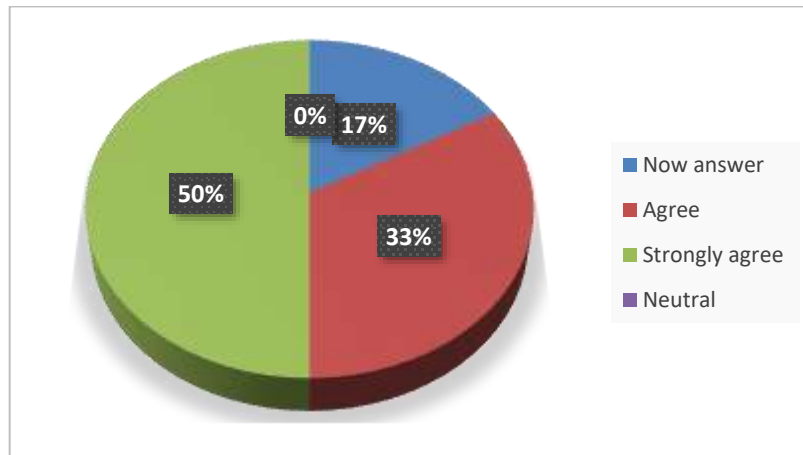
- Is the provided equipment being used

innovatively?

- Is the center well located inside the facility?
- Are students benefiting from new innovative learning opportunities?
- Were the goals of the Centers clearly stated?

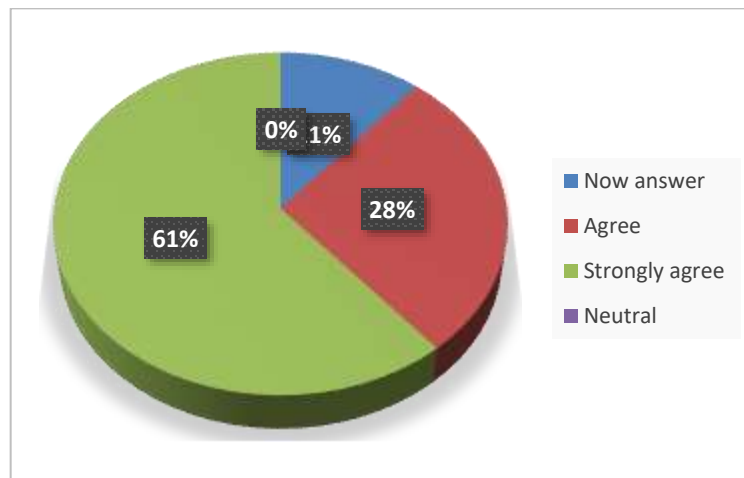
**5.1. The objectives were met:**

3 now answer  
 6 Agree  
 9 Strongly agree  
 0 Neutral



**5.2. Follow-up actions resulted from the Center**

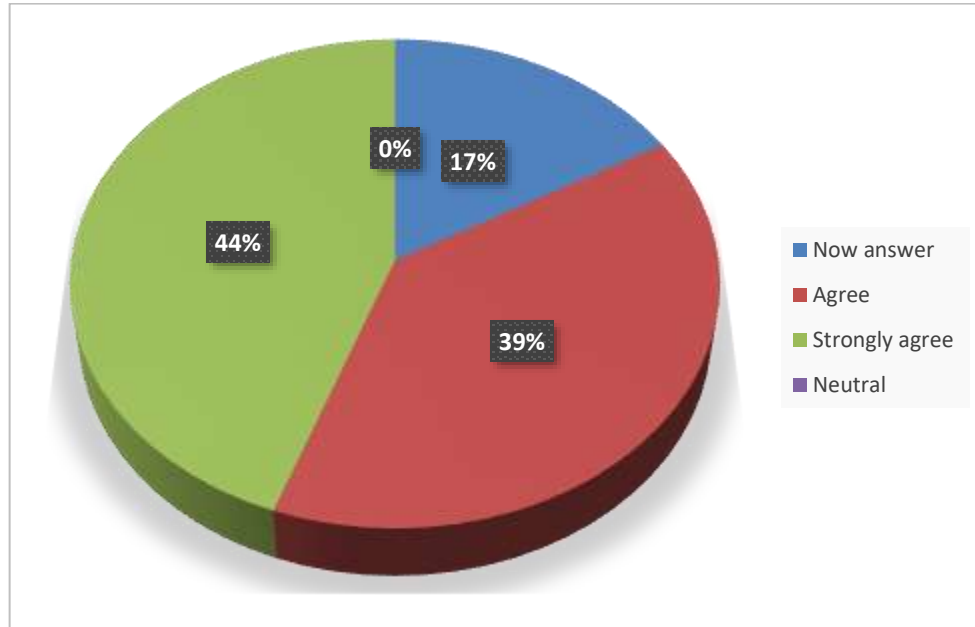
2 now answer  
 5 Agree  
 11 Strongly agree  
 0 Neutral



**5.3. It is clear for what the Center is needed**

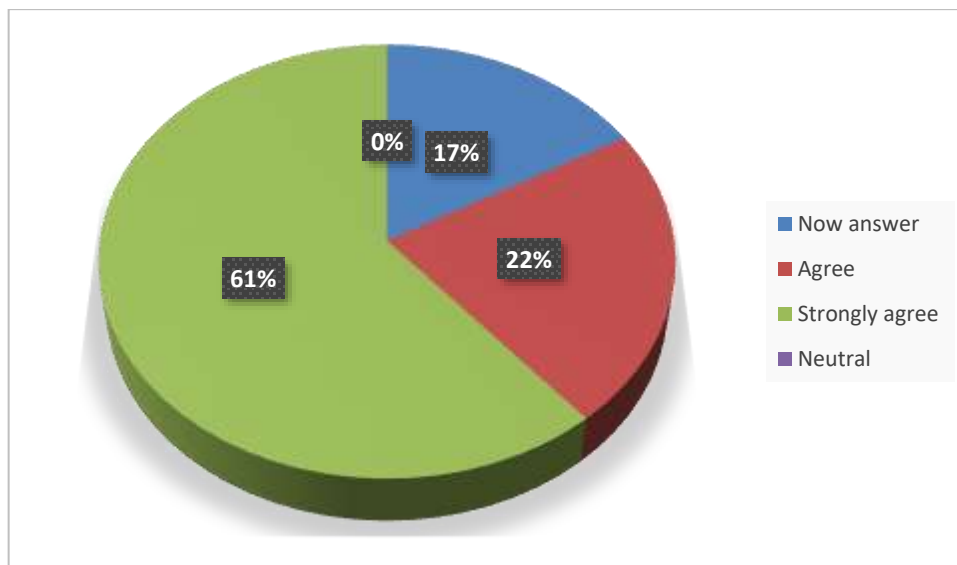


3 now answer  
7 Agree  
8 Strongly agree  
0 Neutral



#### 5.4. The right people were addressed by the creation of the Center

3 now answer  
4 Agree  
11 Strongly agree  
0 Neutral

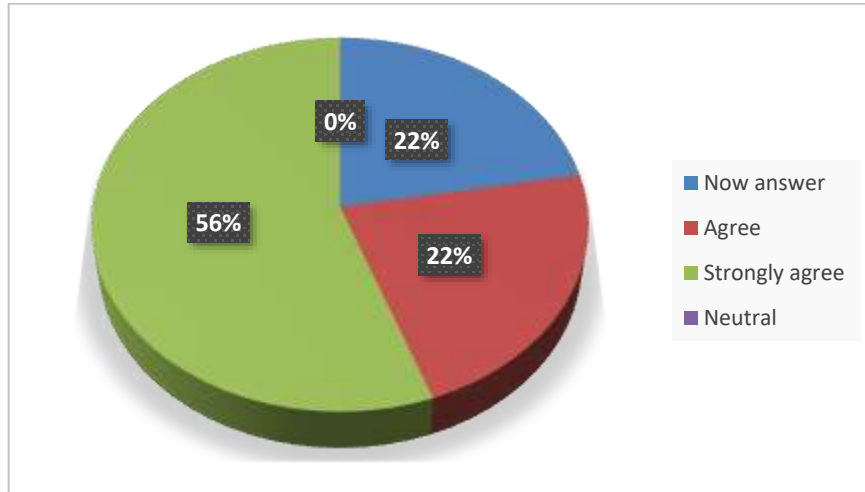


#### 5.5. The technical equipment has been explained sufficiently



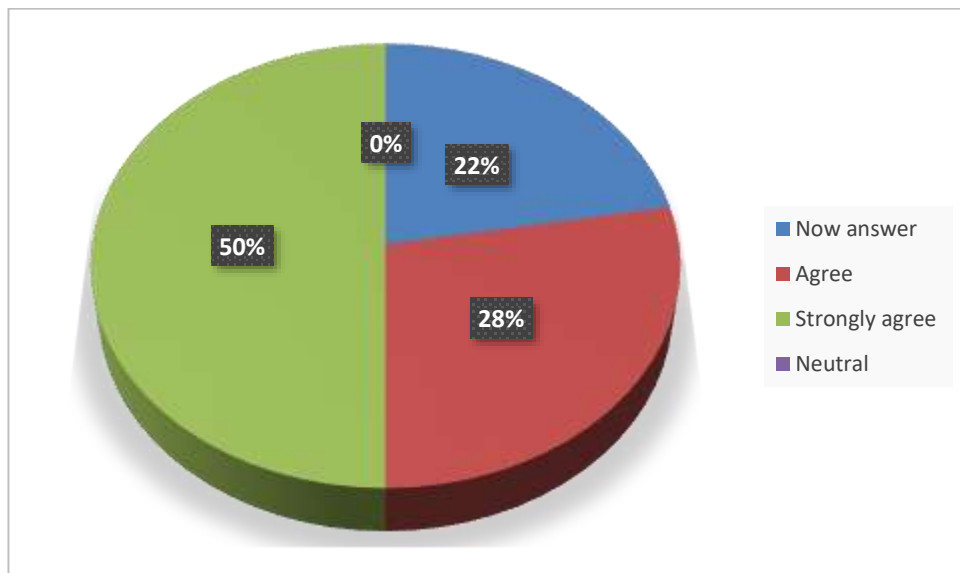


4 now answer  
4 Agree  
10 Strongly agree  
0 Neutral



#### 5.6. The technical equipment has been set up

4 now answer  
5 Agree  
9 Strongly agree  
0 Neutral



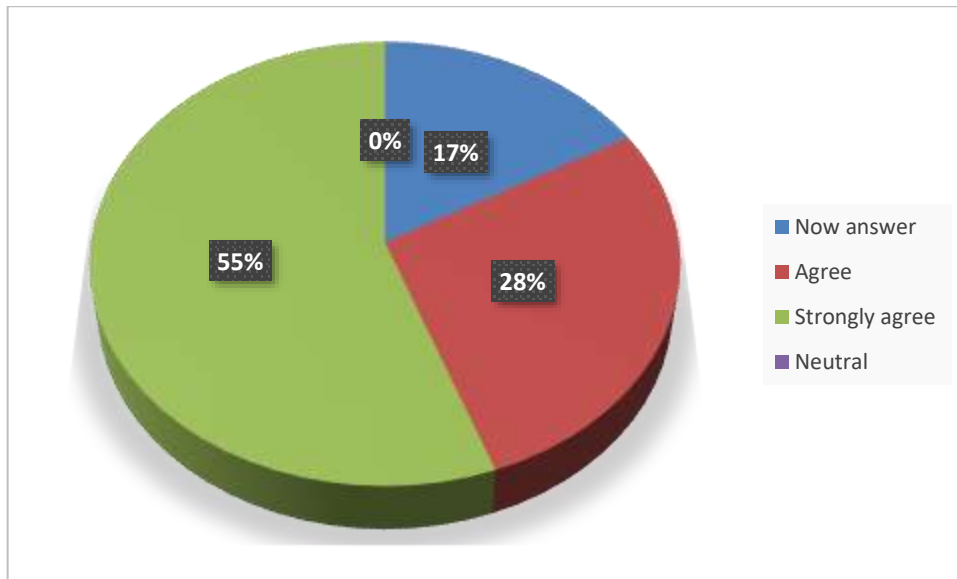
#### 5.7. The technical instruments are being used in the institution

3 now answer  
5 Agree



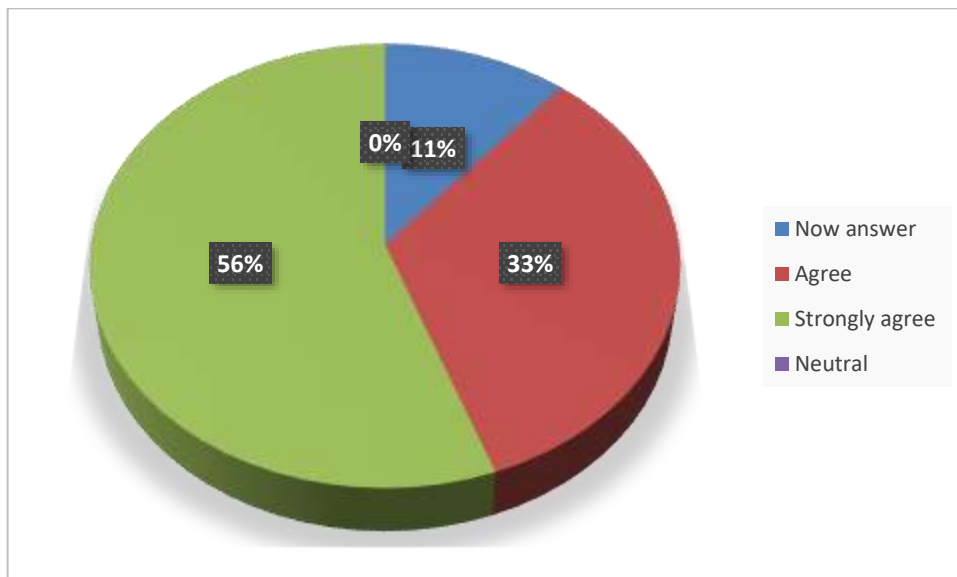
10 Strongly agree

0 Neutral



**5.8. The use of technical equipment can be explained to the users**

2 now answer  
6 Agree  
10 Strongly agree  
0 Neutral



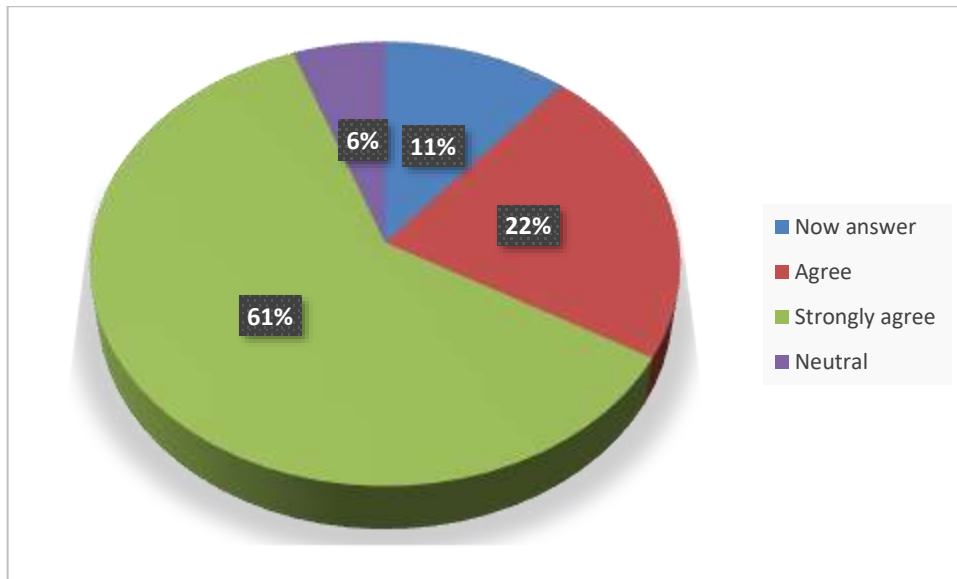
**5.9. The equipment provided is exactly what was needed in the Institution to advance the learning processes**

2 now answer  
4 Agree



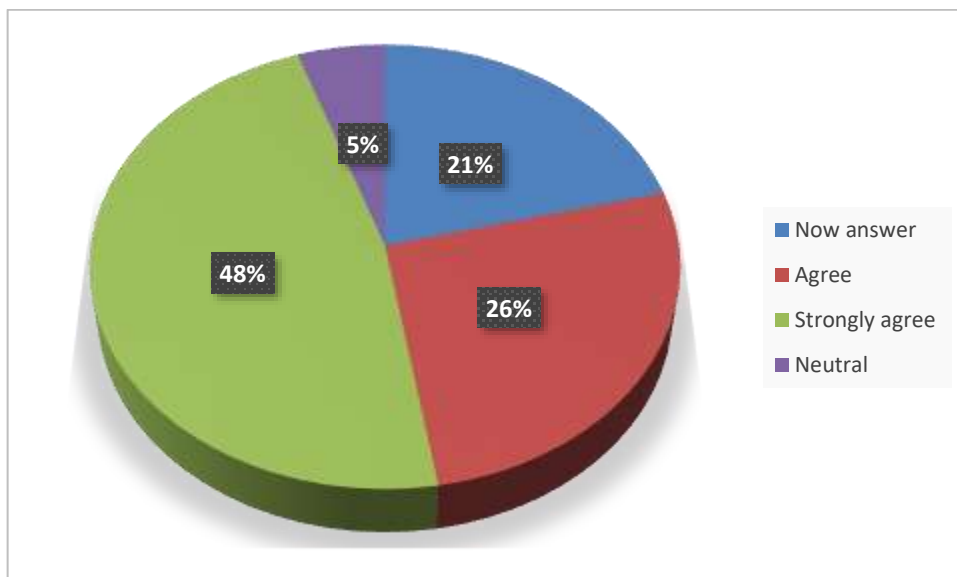
11 Strongly agree

1 Neutral



**5.10. The equipment provided is being used in an innovative way**

4 now answer  
5 Agree  
9 Strongly agree  
0 Neutral



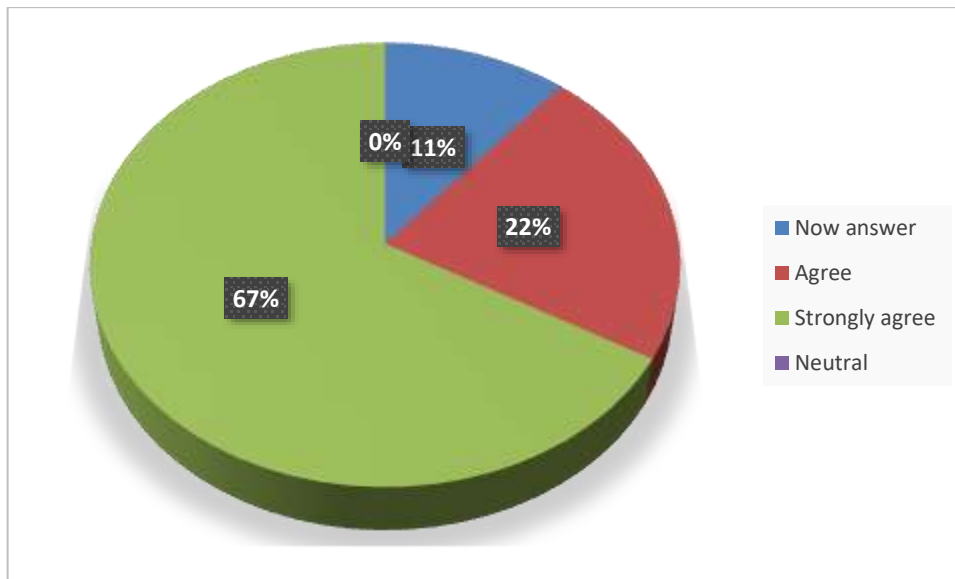
**5.11. The Center is positioned well inside the institution**

2 now answer  
4 Agree



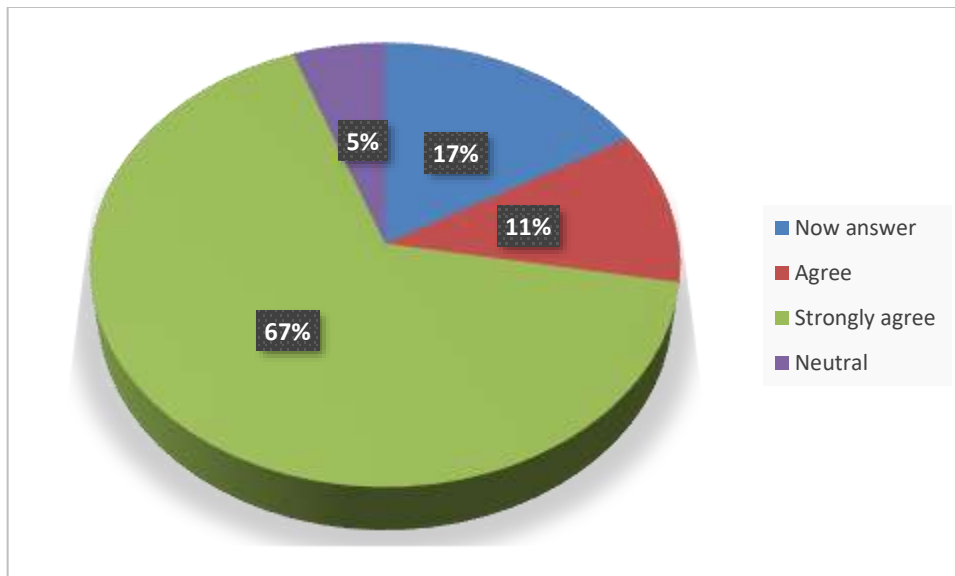
12 Strongly agree

0 Neutral



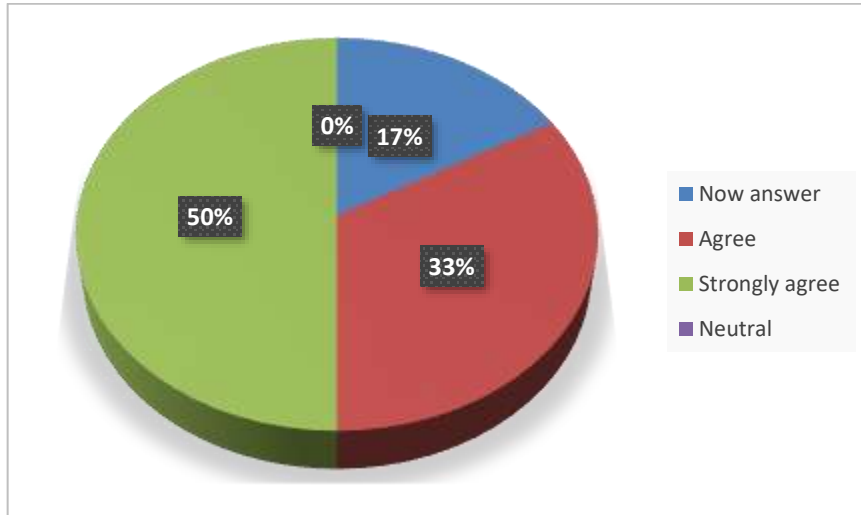
**5.12. The students profit from the new innovative teaching possibilities**

3 now answer  
2 Agree  
12 Strongly agree  
1 Neutral



**5.13. The Centers objectives were clearly communicated**

3 now answer  
6 Agree  
9 Strongly agree  
0 Neutral

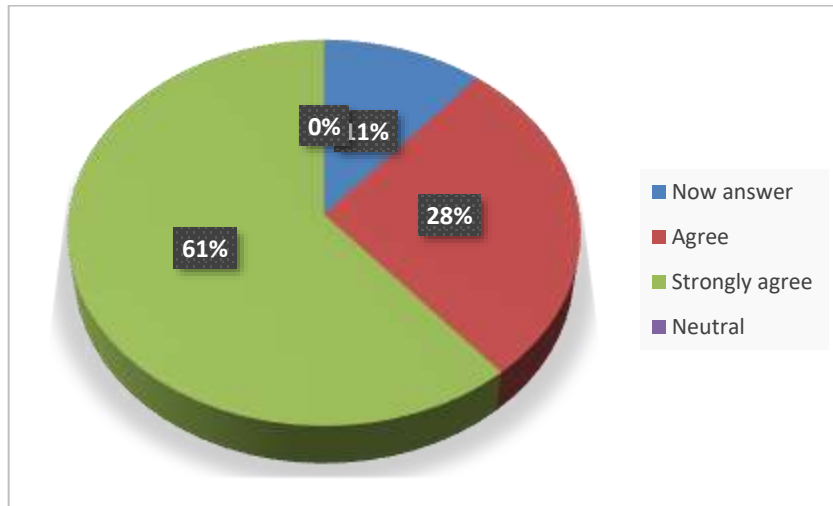


**6. We would also like to receive your feedback on the course results.**

Indicate your level of agreement on a scale from 1 to 5, where 1 means you strongly disagree and 5 means you strongly agree. If the statement does not apply to you, select 'No answer'.

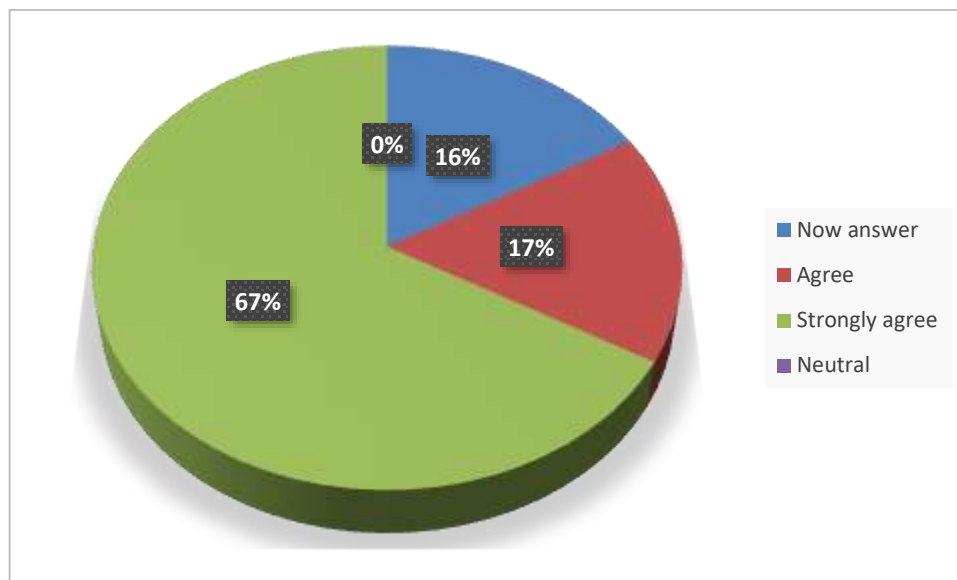
**6.1. The Center will have an impact**

2 now answer  
5 Agree  
11 Strongly agree  
0 Neutral



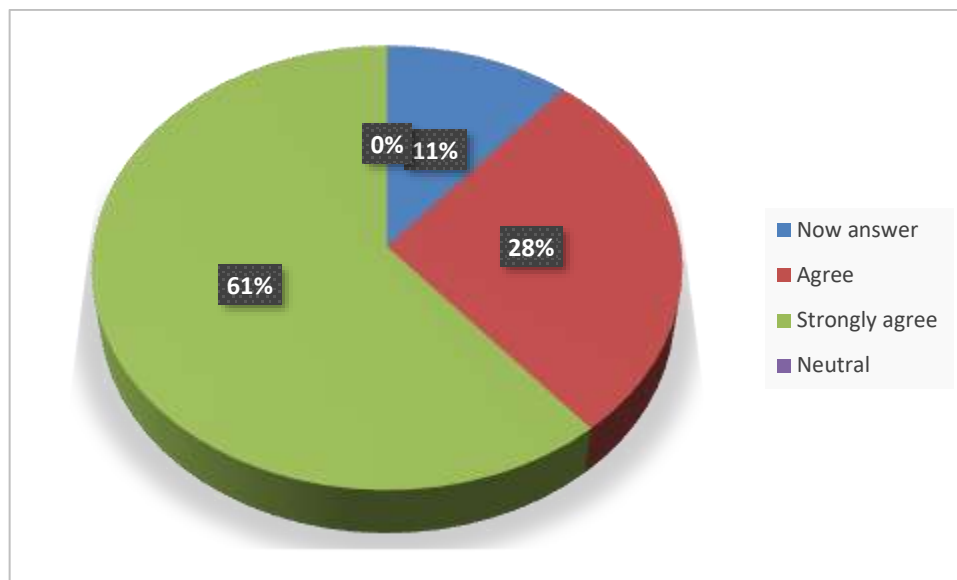
**6.2. The Center is useful for the teaching at the Institution**

3 now answer  
3 Agree  
12 Strongly agree  
0 Neutral



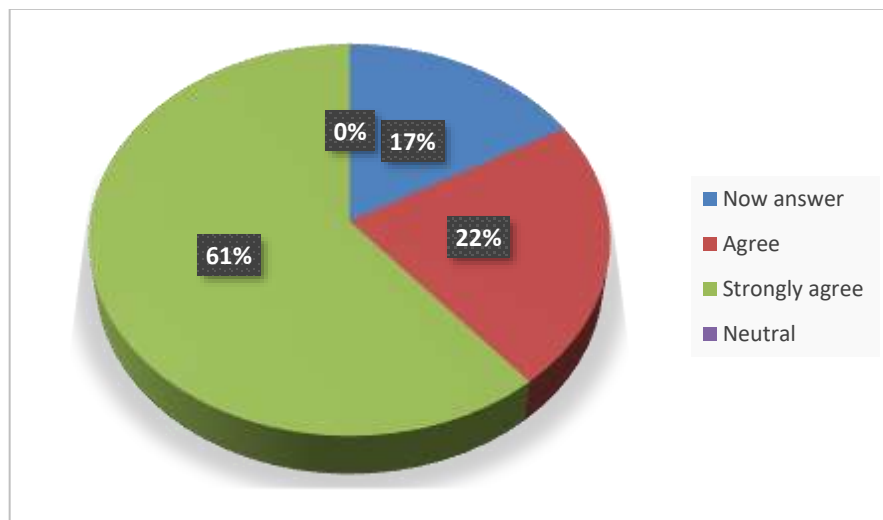
**6.3. The Center will help teachers to attract better students to the institution**

2 now answer  
5 Agree  
11 Strongly agree  
0 Neutral



#### 6.4. The Center will help teachers to create innovative teaching inside the institution

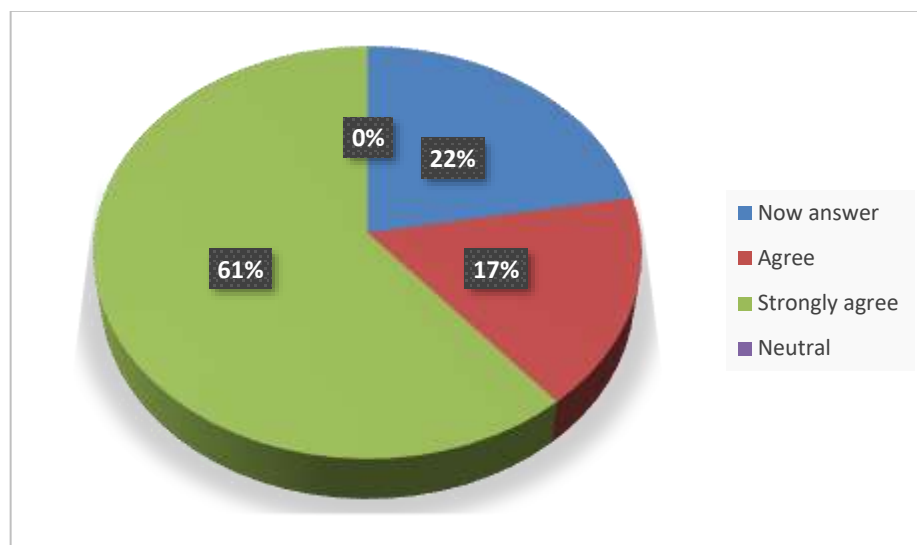
3 now answer  
4 Agree  
11 Strongly agree  
0 Neutral



### 6.5. The Center helps me to do more interesting classes

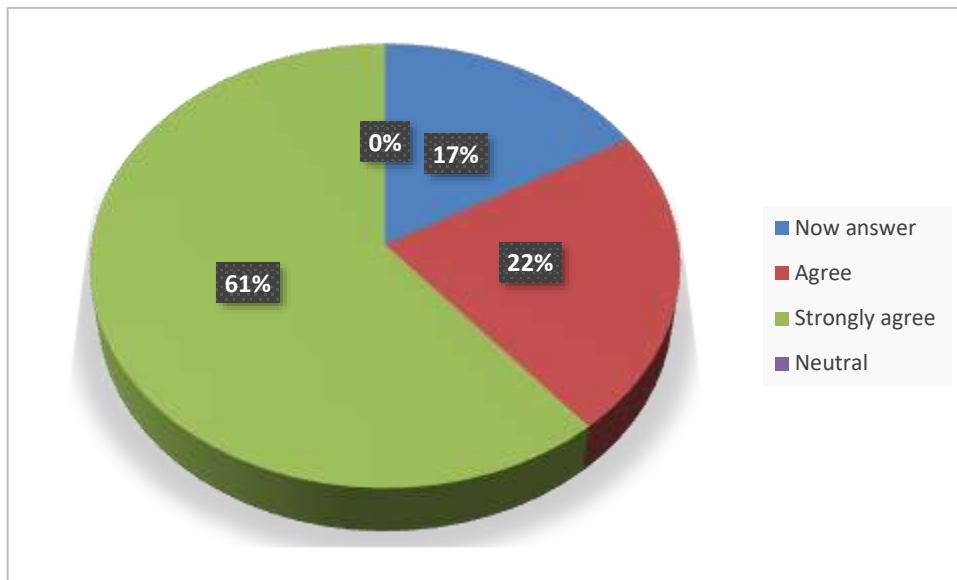
4 now answer  
3 Agree  
11 Strongly agree  
0 Neutral





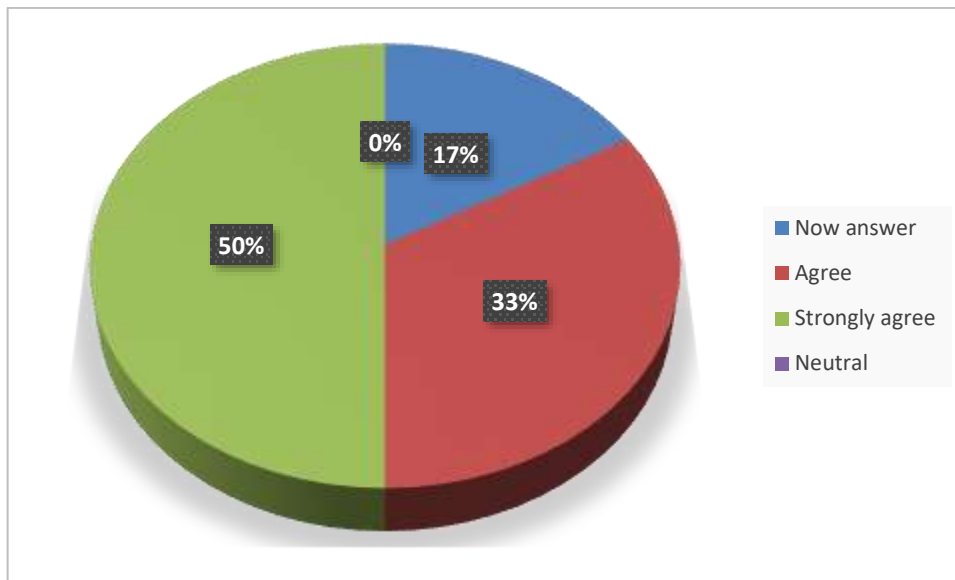
**6.6. The Center helps me to please the needs of my students better**

3 now answer  
4 Agree  
11 Strongly agree  
0 Neutral



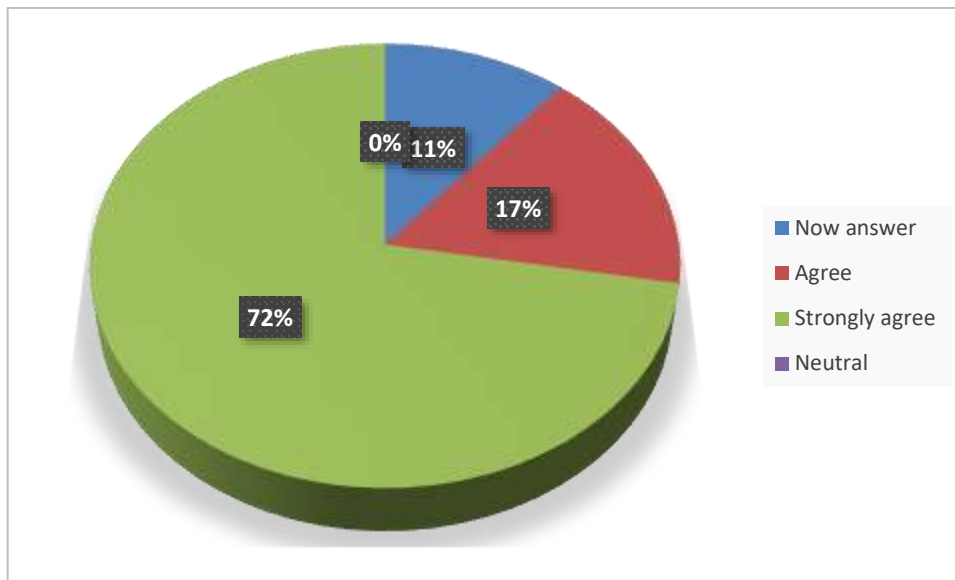
**6.7. The Center delivers exactly the result that I expected when we started the project**

3 now answer  
6 Agree  
9 Strongly agree  
0 Neutral



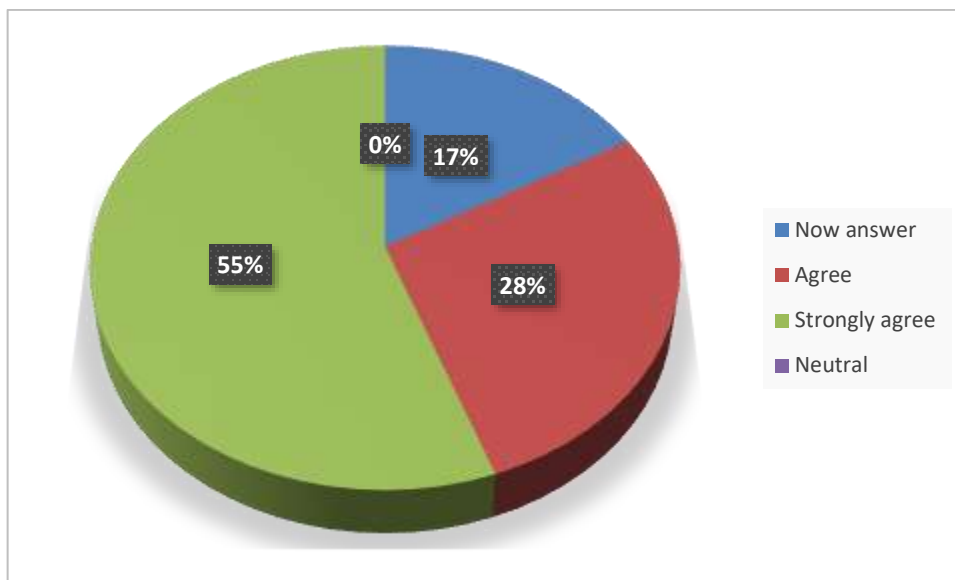
### 6.8. The Center makes my life as a teacher easier

2 now answer  
3 Agree  
13 Strongly agree  
0 Neutral



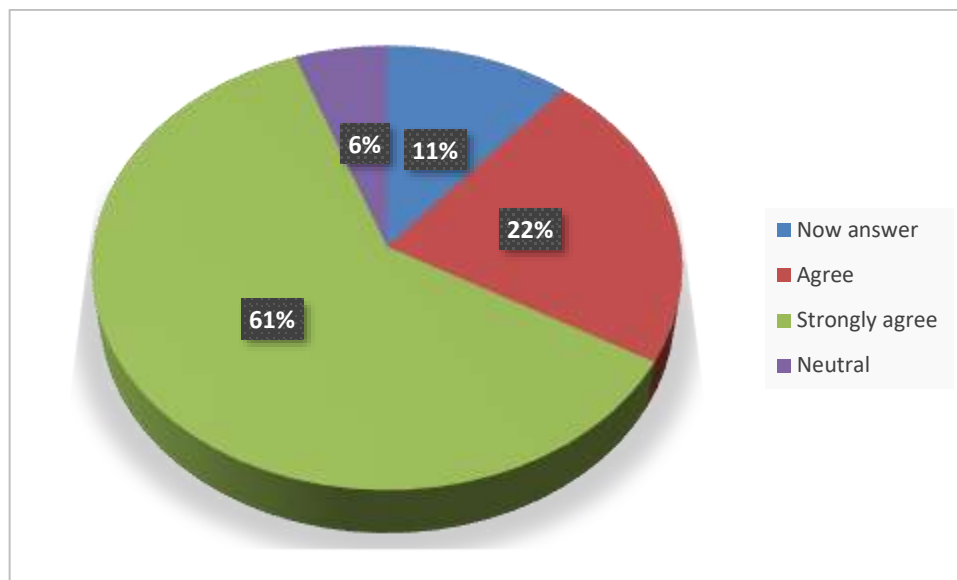
### 6.9. The Center makes teaching more fun

3 now answer  
5 Agree  
10 Strongly agree  
0 Neutral



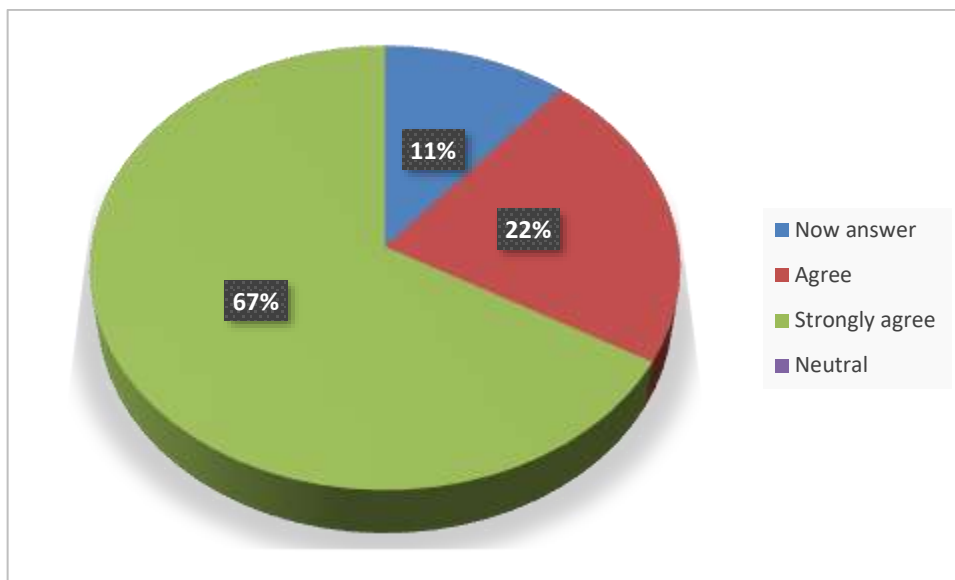
#### 6.10. The Center makes students learn better

2 now answer  
4 Agree  
11 Strongly agree  
1 Neutral



**6.11. The students seem to have more fun during the classes using the Center for Innovation**

2 now answer  
4 Agree  
12 Strongly agree  
0 Neutral



**7. If the Centre does not meet your expectations, what were your expectations?**

Of the feedback, the predominant one is positive, indicating that all expectations have been met:

- The center meets my expectations
- More to be new technologies
- Meets our expectations
- The centers live up to my expectations
- Expectations is my fantasies and reality gives me the opportunity to develop and show myself



8. If you disagree with any of the above points in №5 or 6, please comment here, giving your reasons.

The answers given do not give reasons for disagreement or the respondents do not answer the question asked.

**The bulk of answers agree or give a positive assessment of the courses:**

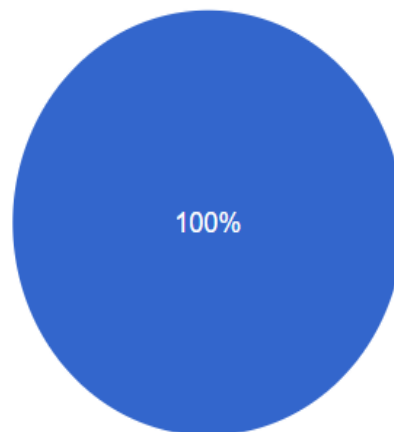
- I am satisfied with the work of the Centre.
- No comments.

As a result of the analysis of the responses, the Director of the Centres for Innovative Educational Technologies will take all comments into account.

### 9. Was the Centre established in time?

From the 18 respondents, 100% chose "yes".

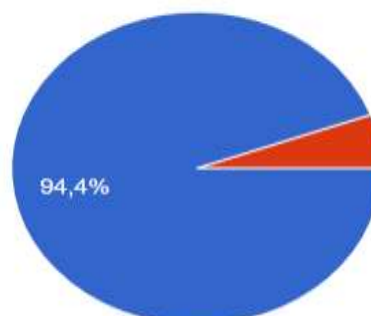
18 ОТВЕТОВ



● Yes Да  
● No Нет

### 10. Have you been given the opportunity for comments and observations?

18 ОТВЕТОВ



● Yes Да  
● No Нет





From the 12 respondents, 94.4% chose "yes" and 6.6.8% chose "no".

### 11. If the answer to question 10 was negative, what comments or observations would you make about the Centre?

Mostly positive feedback prevails, there are no comments.

### 12. Any other comments you may have.

- When asked about the comments of the innovation center, a total of 5 residents answered and all of them were positive.
- Here is some of them:
- Now our university is trying to make all classrooms equipped with the same projectors, **so that it would be convenient and easy for teachers to conduct lectures and classes.**
- New technology is given the opportunity to develop in the modern world, and such centers are very useful for the development and training of students

## CONCLUSION

*Teachers from three higher educational institutions of Tajikistan participated in this survey. All responses were positive. Innovation centers allow students and teachers to:*

- Develop innovative thinking*
- The orientation of the mental activity of students in search of research*
- Show student teacher's potential*

*The main task of innovation centers is to provide a link between fundamental and applied research. Their activities are usually limited to the provision of scientific services, primarily the development of scientific and technological innovations. At the same time, innovations are usually developed before the stage of creating an experimental sample.*